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- (71) Applicant (for DE only): **PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]**; Stein-damm 94, 20099 Hamburg (DE).
- (71) Applicant (for all designated States except DE, US): **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]**; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **LÜRKENS, Peter [DE/DE]**; c/o Philips Intellectual Property & Standards GmbH, Weiss hausstr. 2, 52066 Aachen (DE).

(74) Agent: VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weiss hausstr. 2, 52066 Aachen (DE).

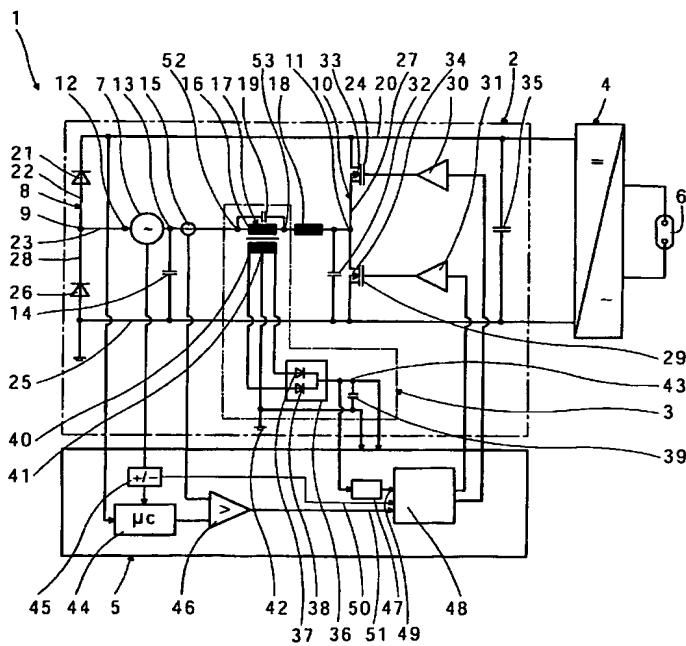
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(54) Title: CIRCUIT HAVING A SECOND AC/DC CONVERTER

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(57) Abstract: The invention relates to a circuit (1) having a converter (2) for converting an a.c. voltage into a d.c. voltage, which converter (2) has a diode half-bridge (8), a switch half-bridge (10) and two d.c. rails (20, 25). In accordance with the invention, the converter (2) has a second converter (3) for converting the a.c. voltage into a second d.c. voltage.